#### THE ADVANTAGES OBTAINED

By Means of These Waterways-Clin ton's "Ditch"-Canadian Progress. Outlook for a Second Century.



NE hundred rears ago this ds were built in dassac husetts structed for the

or the rapids at South fley and the Montague falls on the meetical river. They are no longer tee, but they will always be rememed as the beginning of the now mag cent system of artificial waterways which the United States have be

completed the agitation began ith the inauguration of a plan for ting the ocean with the great by means of what scoffers of that called "De Witt Clinton's ditch." un in 1817 and opened in 1825, the al has ever since been an imporfactor in the politics and presperity few York state. Its original cost nearly \$8,000,000, and many times at sum have been expended in its iment and maintenance. It spans state of New York with a ribbon of water 363 miles long, and is practically the first on the list of similar great enorprises projected and carried out by commonwealths of the republic.

For this reason, and also because just century ago a bill was introduced in a New York legislature providing ans for a canal system, the grain deal-a, wareh, usemen and shippers of the es State are arranging to comte the anniversary by a celebra table to the occasion. It is inthe hundred years of progress canals we played an important part and have rollen from the five miles of 1793 to 4,000 miles of 1802.

yet, if the schemes now und deration are carried out, the second ary of canal building in the United a will overshadow the first century as a giant does a pygmy. The most im-mediate progress is to be made under the provisions of this year's river and harbor bill, regarding which a writer in The Review of Reviews says that it proa sufficient sum to begin the work sepening the connecting channels of great lakes so that there will nothere be less than twenty feet of water of the chicago, Duluth and Buffalo. The official estimates call for nearly 3,500,000, which sum is exclusive of the oric on the St. Mary's Falls canal, which was provided for in the river and arbor ball of 1990.

Eleven hundred less vessels passed rough the Suez canal in 1890 than through the canal into Duluth tlet of Lake Superior more than three per as many vessels and nearly 1,750,-tons more freight during 1890 than rough the Suez canal for the same d. Speaking of the future, the er already referred to says:

writer already referred to says:

"Interest in waterway improvements has had a wonderful growth in the United States within the last year or two, as is evidenced by the strong support of the daring project of a ship canal twenty-one feet deep through American territory from the great lakes to the sea. Congress has been asked to provide for surveys, examinations and estimates of cost of all the practicable routes for such a canal, with a view to determining the one that is most advantageous. The advocates of this project int out that in addition to the ime, it will become a military necessity years hence when the enlargement St. Lawrence canals to a uniform of fourteen feet is completed. then a way will be open into the at lakes for the war vessels of the tish navy, while there will be none



able for those of the United States. is not the slightest reason to t that Chicago and Duluth will, in the lifetime of people now ma-receive in their harbors ocean vessels from every port on the

timately a ship canal will connect selesippi with the great lakes and Chiengo will have water communication eta the great river and the Nicaragua canal with our Pacific coast and with the west coast of South America. The the west coast of South America. The Eric canal must of sourse be developed into a ship canal, with a clear twenty or twenty-one feet of water; and Chinago's great gain would be New York's gain also. The Hennepin canal to connect Chicago with the Mississippi is almostly a certainty. The early development and completion of this great line of natural and artificial waterways from New Orleans to Minneapolis, from Darenpert to Chicago, from Daleth to Entials and from Buffalo via the Eric canal and the Hudem ster to New York city would be the most brilliant and productive investment our governd productive investment our govern-ent could make, and there would fol-us a rectval of American shipbuilding countwise and internal as well as

However, there is another side to the and if the views of Captain C. Clark are correct, the advocates of canals have some "tall hustling" to do. The captain is a mogul among the New York canal men and is one of the promoters of the coming centennial cele "There is a crisis," he remark ed the other day to a New York San reporter, "and it has got to be met at once. More grain has come from the west to the seaboard since the opening of lake navigation to the present time than ever before in a similar period. Philadelphia is receiving an unprece tented boom in grain export shiptne It is providing cheaper terminal facili-ties than those of the metropolis. The trunk line pool gives Philadelphia through the new feeder—the Reading road—a rate of three cents per 100 pounds lower than the New York rates.

"With this condition there can be only one result. Millions of bushels of grain that should come to New York are directed to rival scaports. Since the opening of lake navigation grain has been forwarded from Chicago to Buf-falo, a distance of nearly 1,000 miles, for one cent and a fraction per bushel. The rate on the canal from Buffalo to New York has fluctuated between two and one-eighth and four cents per bushel, and this, mind you, on a waterway that has been without improvements since war times. An important question naturally arises, Is New York to allow her great canal system to deteriorate to such an extent as to make it impossible for boat-men to successfully compete with rival routes and the great Canadian canal

"Millions upon millions have been ex-pended in bettering and perfecting the railway routes. Hundreds of boats are vainly waiting for cargoes at the port of Buffalo. Figures tell the story of the need of canal improvements better than words. In 1862 over 88,000,000 bushels of grain came to Buffalo from the far



WILLIAM HAMILTON MERRITT.

west and all but 8,000,000 bushels was west and all but 8,000,000 bushels was shipped to New York via the Erie canal. In 1880 the canal carried only 71,000,000 of the 105,000,000 bushels of grain received at Buffalo. Last year the grain shipments from Buffalo by canal were a little more than \$4,000,000 out of 129,000,000 received at that port.

"Note the falling off. It is astounding. Private corporations are retting

ing. Private corporations are getting the upper hand of the state. One result evitable. The canals must be maintained properly or with constantly di-minishing traffic the time will come when they will have to be abandoned."

Captain Clark's reference to the "great anadian canal system" is worthy of note, for the system is in fact a great one. It owes much to the efforts of William Hamilton Merritt, who can justly be termed the De Witt Clinton of the Dominion. It was in 1823 that Mer-ritt and his associates subscribed the money to begin the work on that magmificent triumph of engineering now known as the Welland canal, which overcomes the obstacle of Niagara falls and connects the great lakes of Eric and

Ontario.

In connection with the coming celebration many things of practical impertance will be discussed, chief among them the questions of speed and carrying capacity. It would appear that the days of mule power and towpaths are passing away, and in their place the feasibility of steam, electricity and traction cables is being considered. The widening and deepening of these artificial waterways naturally call for bigger boats, heavier cargoes and greater powers of propulsion. What the decision may be one can hardly anticipate, but it is safe to predict, as before remarked, that the second century of canal enterprise in the United States will dwarf the progress of its first hundred years.

FRED C. DAYTON.

New York on a Rot Day.

To a philosopher inured to extreme degrees of heat the streets of New York on a hot day would afford an interesting study. He would see men and women boiled in the streets, broiled in the avenues, grilled in the surface cars, roasted in the tenement houses, baked in the squares, bleached in the baseball parks and melted in the business offices. The heat fairly dances on the sidewalk so that it resembles a mirage on a low-land. The heat pours down from above, rises from below and on all sides. The ambulances are kept on a keen gallop. ambulances are kept on a keen gallop.

Privileged Peercuse. It means something for a woman to be a peeress of the United Kingdom of Great Britain and Ireland, for there any one of these favored beings, whose title has been acquired by birth, marriage or creation, is free from arrest or imprisonment on civil process, and in the event of a peeress being charged with a criminal offense she would be tried by the house of lords.

Weeping Widow—You are sure, Mr. Boneplanter, you will conduct everything in a satisfactory manner? Eminent Undertaker—Have no fear on that score, I beg of you, Mrs. Billhops. Of all the people I have buried in my long and successful career, I am proud to say that not one ever raised the slightest objection to my work.—London Tis-Bita.



The sole aim of women nearing this critical period should be to keep well, strong, and cheerful.

#### Lydia E. Pinkham's Vegetable Compound

is peculiarly adapted to this condi-Girls about to enter womanhood find its assistance invaluable.

POND'S EXTRACT

#### WEDDING RING

ALWAYS ON HAND.

You can't tell when you will most want it-the POND'S EXTRACT, and you had better have it ready. Use it fresh in all same of WOUNDS, BRUISES, CUTS, CONTU-SIONS LACERATIONS, for HEADACHE, TOOTHACHE, EARACHE, INFLAMED EYES, SORE FEET, LAME MUSCLES, also for SORE THROAT, HOARSENESS, RHEUMATISM, NEURAL-GIA, wherever you have PAIN and whenever INFLAMMA-TION enists, and you will quickly find that you have been saved a great deal of pain. Did you ever try

POND'S EXTRACT OINTMENT? It is wonderful how well it acts in all cases where an ointment is applicable. It is a remarkable cure for PILES. Only 50 cents. Sold by all Druggists.

Take no substitutes for these goods. Manufactured solely by POND'S EXTRACT CO., NEW YORK

## DOCTOR

WHOOPING COUGH OR CROUP



Dr. Acker's English Pills
CURR CONSTIPATION.
Small, pleasast, a favorite with the ladica.
W. H. HOOKER & CO., & Wort Broadway, N. T. Sold by White & White, 99 Monroe-st.

# DUSKY

B moves and Prevents Dandruff. AMERICAN FAMILY SOAP. Sest for General Household Use.



DR. M. WHALEN, VETERINARY SURGEON





### Special Notice.

Great

## SHOE

Tuesday, June 28.

Commencing at 8 a. m., at

M. EHRMAN'S Bargain Shoe House!

69 Canal Street.

Remember for this day only we will sell a Ladies' Fine Kid Button Shoe, in all sizes and widths, for

Worth regular \$2.50. These are fine goods, nicely made, stylish and comfortable.

We will sell a fine ladies' Oxford Tie with patent leather tips, all sizes, at

73 CENTS,

Worth \$1.50 all over town; just the slipper for style, comfort and durability; the biggest bargain ever offered. All other goods in the same proportion.

Remember the day, Tuesday, June 28, at

M. EHRMAN'S BAR-GAIN SHOE STORE, 60 Canal Street.

P. S.-Sale Commencing at 8 A. M.

## Another Drop on Blazer Suits



100 Blazer Suits,

Worth \$15, go at \$7.50 100 Blazer Suits.

Worth \$18, go at \$9.00 50 Blazer Suits,

Worth \$20, go at \$10.00

25 Blazer Suits, Worth \$25, go at \$12.00

All our Ladies', Misses', Children's and Infants Cloaks

go at

## HALF PRICE! BEFORE MOVING INTO OUR NEW QUARTERS,

Nos. 50 and 52 Monroe Street,

Take advantage of this

SLAUGHTER SALE!

AND CALL AT

Second Floor, Morse's.

Rand, McNally & Co.'s NEW REVERSIBLE

#### UNITED STATES WORLD

A \$10.00 Atlas condensed and compiled in the most comprehensive and ready reference manner possible, and printed

on one sheet of paper.

A large map of the world with a special Map of the United States, England and Wales, Germany and Norway and Sweden — comprehensive diagrams of mountains and rivers, an alphabetically arranged compilation describing every country in the world, and its location indexed.

On the front of this marvelous publication we have printed the LARGEST and BEST MAP of the

UNITED STATES

ever made on a single sheet of paper. Each state is shown in separate color, with a special transparent outline designating state and county boundaries.

It is carefully corrected to date, showing every line of railroad and all important cities and towns. It is large enough and complete enough to fully meet the demands of a student or business maa. A child can, with this map, study the geography of the United States with intelligence. The reader can, with accuracy, locate the notable happenings of of the day, and the merchant can lay out routes for his travelingmen, or ship goods with economy.

In fact, it is a COMPLETE and ACCURATE map of the United States. 66x46 inches in size.

On the other side we have printed the library chart of the

#### WORLD,

A panorama of the surface of the globe, on Mercator's Projection, with its lands and water, mountains, rivers, lakes bays, seas, and islands, all properly located and beaufully tinted by our patent process of oil colors.

Around the margin of the map we have printed statistical and descriptive matter of more va use than can be found in any volume that was ever publis hed at Three Times the Cost. The different divisions of the world are arranged by continent to show their area, form of government, chief executive, capital, and population. A series of short articles arrange alphabetically give, in a remarkably concise and comprehensive form, a description of every country or government in the world, no matter how small, together with its chief products, exports and imports, and its exact location on the map shown by our ready reference index.

Edges bound with tape, sticks top and bottom, ready to hang on the wall.

The price of this map is \$5.00, but with a year's subscription to the GRAND RAPIDS HERALD will cost you only \$1.00. The subscriber can make his choice.

\$1.00. The subscriber can make his choice Dally and Sunday Herald, one year, Reversible Map Discount to subscriber, We will accept for both

Weekly Herald, Reversible Map, Total,

> We will accept for both, GRAND RAPIDS HERALD